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Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire NGK INSULATORS, LTD.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

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REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
D, X	US 4 323 614 A (GULATI SURESH T) 6 April 1982 (1982-04-06) * abstract; figure 2 * ---	1, 2	B28B3/26 F01N3/28 B01J35/04 B01D46/00
X	WO 97 45200 A (HIDEAKI TAKAHASHI ;NISHIZAWA KIMIYOSHI (JP); HORIKE TETSURO (JP);) 4 December 1997 (1997-12-04) * abstract; figure 4 * ---	1	B01D53/34 B32B3/12 H01M8/06 F01N3/021 F01N3/033
X	US 4 845 073 A (CYRON THEODOR) 4 July 1989 (1989-07-04) * abstract; figure 1 * ---	1	
X	EP 0 389 750 A (BEHR GMBH & CO) 3 October 1990 (1990-10-03) * abstract; figure 1 * ---	1	
X	US 4 318 888 A (WATTON JOHN F ET AL) 9 March 1982 (1982-03-09) * abstract; figure 7 * ---	33	
A	EP 0 886 040 A (NGK INSULATORS LTD) 23 December 1998 (1998-12-23) * abstract * ---	21-25	
X	US 5 853 902 A (USUI MASAYOSHI) 29 December 1998 (1998-12-29) * abstract; figure 2 * ---	33	B01J F01N B28B B01D B32B H01M
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
1	Place of search	Date of completion of the search	Examiner
	MUNICH	15 May 2002	Tatus, W
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
EPO FORM 1503 03 82 (P04C04)			

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 00 95 6794

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-05-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4323614	A	06-04-1982	DE FR GB JP JP JP	2708908 A1 2346048 A1 1579263 A 1276802 C 52119611 A 59053176 B	13-10-1977 28-10-1977 19-11-1980 16-08-1985 07-10-1977 24-12-1984
WO 9745200	A	04-12-1997	JP JP EP WO KR	9313949 A 9323132 A 0858367 A1 9745200 A1 231746 B1	09-12-1997 16-12-1997 19-08-1998 04-12-1997 15-11-1999
US 4845073	A	04-07-1989	AT DE EP ES GR JP JP JP MX	77764 T 3872404 D1 0279159 A1 2032472 T3 3005852 T3 2096997 C 4074051 B 63182038 A 170076 B	15-07-1992 06-08-1992 24-08-1988 16-02-1993 07-06-1993 02-10-1996 25-11-1992 27-07-1988 06-08-1993
EP 0389750	A	03-10-1990	DE DE EP	3910359 A1 59003280 D1 0389750 A1	04-10-1990 09-12-1993 03-10-1990
US 4318888	A	09-03-1982	CA DE GB JP US	1154739 A1 3123817 A1 2079174 A , B 57051907 A 4382323 A	04-10-1983 08-04-1982 20-01-1982 27-03-1982 10-05-1983
EP 0886040	A	23-12-1998	JP CA EP	11005021 A 2240704 A1 0886040 A2	12-01-1999 16-12-1998 23-12-1998
US 5853902	A	29-12-1998	JP DE GB WO	8158863 A 19581812 T0 2310385 A , B 9616735 A1	18-06-1996 27-11-1997 27-08-1997 06-06-1996